

**MONTANA STATE AVIATION SYSTEM PLAN
1995 UPDATE
FIELD INSPECTION FORM**

AIRPORT:	CHESTER (4U3)	AIRPORT REFERENCE CODE:	B-II (SM)
CITY:	CHESTER	APPROACH TYPE:	VISUAL
CONTACT:	JOEL FENGER	DATE INVENTORIED:	12-20-95
PHONE #:	759-5431	INSPECTED BY:	PPP&KAJ

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 7/25 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	125'	125'		✓
PARALLEL TAXIWAY FROM CENTERLINE:	240'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	250'		355'	✓
RUNWAY WIDTH:	75'	75'		✓
RUNWAY LENGTH:	4,910 (1)		4,600'	95%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	(2)		NO
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	(3) & (5)		NO
PRIMARY / TRANSITION SURFACE PENETRATIONS:	250' W & 7:1	(3), (5) & (6)		NO
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	250' WIDE x 200' BEYOND			✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	SNOW		
PAVEMENT MARKING TYPE:	BASIC	BASIC		✓
PAVEMENT MARKING CONDITION:		POOR		N/A
RUNWAY 7 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			3,181.5	N/A
RUNWAY 25 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		✓
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE		✓
RUNWAY END ELEVATION:			3,163.0	N/A
RUNWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK (4)		NO
TYPE:	MIRL - BASE MOUNTED			N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 7				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10		✓
COLOR:	RED/GREEN	RED/GREEN		✓
THRESHOLD 25				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

- (1) RW LENGTH OF 3,590' FOR 75%, 4,470' FOR 95%, AND 4,910 FOR 100% COVERAGE; ALP ULTIMATE SHOWN AS 5,000'
- (2) CULVERT ENDS WITHIN RUNWAY SAFETY AREA IN TWO PLACES
- (3) BOTH WINDCONES IN OBJECT FREE AREA AND PENETRATE TRANSITIONAL SURFACE, ONE ON EACH SIDE
- (4) EIGHT MISSING RUNWAY LIGHTS, SOME ON EACH SIDE OF THE RUNWAY (VANDALISM OR SNOW PLOW CASUALTIES)
- (5) FOUR PANELS FROM THE SEGMENTED CIRCLE USED AS MARKING FOR THE CROSS WIND RUNWAY
NON FRANGIBLE, INSIDE THE OFA AND PRIMARY SURFACE
- (6) TERRAIN PENETRATES PRIMARY SURFACE. (~150' LONG, ~1.5' PENETRATION)

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	REQUIRED	ACTUAL	ALP	CONFORM
TAXIWAY INVENTORY				
TAXIWAY WIDTH:	35'		30'	NO
TAXIWAY SAFETY AREA WIDTH:	79'	OK		✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'	OK		✓
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'	OK		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	SNOW		
PAVEMENT MARKING TYPE:		SNOW		
PAVEMENT MARKING CONDITION:				N/A
TAXIWAY LIGHTING INVENTORY				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - BASE MOUNTED			N/A
CONDITION:		GOOD		N/A
COLOR:	BLUE	BLUE		✓

MISCELLANEOUS

TYPE OF BEACON:	SOUTH OF APRON MOUNTED ON WOOD PLATFORM ~15'
SIZE OF BEACON:	12"
OTHER LIGHTING AIDS (VASI,PAPI,REIL):	25 END: ADB-ALNACO VASI, GOOD COND, 40' OFF PVMT EDGE
WINDCONE (CONDITION & COMPLIANCE):	130' N. OF RW CL AT MIDFIELD, LIGHTED, 25' HIGH IN GOOD COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	DISASSEMBLED (1)
WINDCONE (CONDITION & COMPLIANCE):	170' S. OF RW CL AT 25 END, UNLIGHTED, 15' HIGH, IN FAIR COND
SEGMENTED CIRCLE (CONDITION & COMPLIANCE):	NONE
FENCING:	NORTH SIDE BY HIGHWAY ONLY, GOOD COND
SIGNS: (TYPE, CONDITION, PLACEMENT)	NONE

COMMENTS:

(1) SEGMENTED CIRCLE DISASSEMBLED AND USED AS SOME TYPE OF MARKING WITH CROSS-WIND RUNWAY
(SEE (4) ON RUNWAY SHEET)
